

SDWIS/STATE User Support Activity Report for the Period April 26 - May 7, 2004

EVENTS OPENED DURING PERIOD - CLOSED

SDC-0002-017-DI-6005O
May 10, 2004

Date:	Event #:	Organization:	Originator:	Release:
4/28/2004	9495	ID	Howard Woods	8.0.5 NT
Status:	C			
Time Spent:	0.50			
SDWIS/STATE Component:	MBS			
Problem/Question:	Howard called the hotline to see whether SDWIS/STATE 8.0 is compatible with MS Access 2003.			
Respondee(s):	Cheryl Wilson			
Resolution:	Cheryl Wilson 4/28/04: I let Howard know that I was not aware of any state using MS Access 2003 with SDWIS/STATE 8.0 (nor had we done any formal or informal testing or evaluation of MS Access 2003 with SDWIS/STATE 8.0). I let him know that in response to a new requirement that emerged (after Release 8.0 was delivered) to address the needs of users who are using MS Access 2000, new MS Access 2000 databases were delivered as part of SDWIS/STATE Release 8.0.1 Patch on May 30, 2002, and were also included in the 8.0.3 Cumulative Release. Howard still had the files from when he had downloaded 8.0.3 Cumulative and was planning on copying the MS Access 2000 databases into his environment.			

4/28/2004	9496	IN	Wayne Wang	8.0
Status:	C			
Time Spent:	1.75			
SDWIS/STATE Component:	Oracle Database			
Problem/Question:	Wayne received an Oracle error indicating that two of the SDWIS/STATE indexes could not extend in size because the tablespace INPWSS01 ran out of space. Wayne wanted to know whether he could somehow add more space to INPWSS01 or would need to export and import back the INV80 schema.			
Respondee(s):	Raghu Charugundla			
Resolution:	Raghu Charugundla 05/04/04: I let Wayne know that he would not need to export/import the schema. I explained two options:			

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--Increase the size of the datafile that belongs to INPWSS01; or
--Add a new datafile of appropriate size.

In both options, I recommended that the automatic extend datafile size option be "on" with an appropriate maximum file size. To increase the existing datafile:

--Log into the Oracle Enterprise Manager console.
--Increase the datafile size.
--Change the datafile properties to "automatic extend."

I let Wayne know that he could also accomplish this task using SQL Plus command syntax.

4/28/2004	9497	IN	Wayne Wang	8.0
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Status: C

Time Spent: 0.75

**SDWIS/STATE
Component:** MTS:TCR NCDSetup

Problem/Question: Via Raghu Charugundla 4/28/04: Wayne reported that the TCR NCD process was now taking more than 3 hours to finish, which usually took less than half an hour. He wanted to know why running TCR NCD on the last quarter was taking a longer time in comparison to running TCR NCD on the other quarters.

Via April Swift 4/29/04: We attempted to run TCR Final Noncompliance earlier this week (Monday, 4/26/04), but the application never finished. After a couple of hours we found that the network was locked up (not responding), so we shut it down. It typically only takes 30 minutes to, at the very most, one hour for us to run TCR Final Noncompliance for a given quarter. We then attempted to run final Noncompliance a couple of more times with the same outcome. We then ran final Noncompliance for just the month of March, as opposed to the entire 1st quarter of this year, but the program still locked up. Next, we ran Precompliance Determination, which ran without any problems whatsoever. Initially, we thought the problem was with the our newest patch, 8.0.5, but we attempted to run TCR Final Noncompliance on a standalone laptop that did not have the new patch yet (it has 8.0.4 instead), and it still didn't work. Now, the only other difference we can think of in our database that has occurred since the last time we ran TCR Final Noncompliance, which was at the very end of March, is the addition of Lead and Copper 90th % Summary results. We migrated them into our SDWIS/STATE database a couple of weeks ago, and we had 23,748 summaries accepted. Our theory now is that these summary results are somehow tying up or interfering with our TCR Noncompliance.

Respondee(s): Raghu Charugundla/Scott Peterson

Resolution: Wayne Wang 5/3/04: The problem has been resolved. I created the 2 new indexes and linked all the new monitoring periods we recently created to the proper water systems and TCR rule. I ran the TCR Final Noncompliance yesterday and it completed within a

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very reasonable time (monthly for about 30 minutes, and quarterly for about 1 hour).

Raghu Charugundla 4/29/04: I am forwarding (see SDWIS/STATE e-mail account) the following recommendation from Caesar Vinegas to Doug Davenport regarding Event 9030. This seems similar to the issue you and April have reported. Please create two new indexes and try running TCR Noncompliance.

5/5/2004	9516	MS	Randall Smith	8.0.4 NT
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Status:	C
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Time Spent:	2.50
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SDWIS/STATE Component:	MTF:Sampling
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Problem/Question:	I ran a Migration to SDWIS/FED Summary Report and a total amount of 1106 records were reported as being greater than .015. Only 8 records are actually greater than the .015.
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Respondee(s):	Cheryl Wilson
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Resolution:	Christine Tivel 5/10/04: The Analyte Reportable Start Date for the PB90 analyte code is preset in the TSANALYT table. In general, these dates are rule driven. From what I understand, the reporting of PB90 results for large systems came in effect on 07/01/1992 (which is why SDWIS/STATE specifies this date). SDWIS/FED will, however, accept results after 06/30/1991. If you want to report results for systems before the 07/01/1992 date, you will need to change the TSAANLYT.REPORTABLE_STR_DAT in your database. (Since these are "HQ" owned analyte codes, you cannot change this date using the System Administration online windows; instead, the date must be updated directly in the TSAANLYT table.)
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Randall Smith 5/7/04: Karen found the problem: Admin -> Analyte Maintenance Lead 90th %, reportable start date is set to 07/01/1992. The field is grayed out. Should it be changed in the database?

Donna Irwin 5/6/04: Randall forwarded the link to his Oracle database. He referred Cheryl to Karen Walters and Melissa Parker next week while he is on vacation.

Cheryl Wilson 5/5/04: Applying the patch resolved Randall's problem for all but 16 of his records. We discussed the 16 records and Randall sent more information for us to review, but to no avail. He is sending a copy of the MS Access database so we can try to re-create the problem and determine why the 16 records are not migrating.

Cheryl Wilson 5/5/04: Randall had not yet applied Migration to SDWIS/FED: Sampling 8.0.5. He will apply this release, rerun Migration to SDWIS/FED, and let me know the results.

4/28/2004	9492	NE	Laura Hardesty	8.0.4
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SDC-0002-017-DI-6005O
May 10, 2004

Date:	Event #:	Organization:	Originator:	Release:
Status:	C			
Time Spent:	0.25			
SDWIS/STATE Component:	Installation			
Problem/Question:	Would you send me the Oracle version of the "unmark_ssr_reported_to_sdwisfed.sql" script?			
Respondee(s):	Belinda Barsotti			
Resolution:	<p>Belinda Barsotti 4/28/04: Attached is the Oracle version of the Unmark_SSR_Reported_to_SDWISFED.SQL script. This script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that records each run.)</p> <p>Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Dbas_Scripts folder and follow the instructions at the start of the script for executing it.</p>			

4/28/2004 9494 R8 Linda Wheeler

Status:	C
Time Spent:	0.25
SDWIS/STATE Component:	Installation
Problem/Question:	Linda Wheeler of Region 8 requested a copy of the SQL Server and Oracle versions of the Unmark_SSR_Reported_to_SDWISFED.SQL scriptUnmark_SSR_Reported_to_SDWISFED.SQL
Respondee(s):	Belinda Barsotti
Resolution:	<p>Belinda Barsotti 5/3/04: Attached are the Oracle and SQL Server versions of the Unmark_SSR_Reported_to_SDWISFED.SQL script.</p> <p>The script resets the values in the five fields of your Sample Summary Result (TSASSR) table that track whether the record has been included in an H1 DTF and/or accepted by SDWIS/FED. For table TSASSR only, it resets EXTERNAL_SYS_NUM, TRANSACTION_TYP, DTF_BATCH_NUMBER, SDWISFED_STATUS, DTF_CREATE_DATE_TS to null or spaces, as if Migration</p>

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SDC-0002-017-DI-6005O
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Date:	Event #:	Organization:	Originator:	Release:
				to SDWIS/FED: Sampling has not been run for your Lead and Copper 90th Percentile summaries. The script also synchronizes values in your TINEISN and TINEXSN tables with your TSASSR table. Please note that after you run this script, if you open the Post-Migration to SDWIS/FED: Sampling processing list, you will still see records indicating you ran MTF:Sampling if your Primacy Agency did so. (The script does not remove the records in the TINBATCH table that records each run.)
				Copy the Unmark_SSR_Reported_to_SDWISFED.SQL script into the C:\SDWIS_MIGRATE70to80\Db Scripts folder and follow the instructions at the start of the script for executing it.
4/28/2004	9493	UT	Brent Patchakis	
Status:	C			
Time Spent:	0.50			
SDWIS/STATE Component:	MTS:Import Text			
Problem/Question:	Brent called the hotline stating that they were having problems importing text files to staging tables.			
Respondee(s):	Cheryl Wilson			
Resolution:	Cheryl Wilson 5/4/04: I called Brent to check status. He said that once they changed the DB alias to DBPWSS01, the problem was resolved.			
	Cheryl Wilson 4/28/04: Brent is receiving an error message stating that the ODBC connection fails when he tries the option "empty staging tables." When he originally installed SDWIS for the user, he checked his Oracle connection and had no problems. The only difference between what he did during install and our installation instructions is that he does not use DBPWSS01 as a DB alias. I asked Brent to try using the DB alias "DBPWSS01."			
5/3/2004	9513	UT	Tad Wimmer	8.0
Status:	C			
Time Spent:	0.50			
SDWIS/STATE Component:	MBS			
Problem/Question:	How does SDWIS/STATE handle waivers? Am I correct in guessing that a waiver is applied to a specific monitoring requirement, which is then superceded when the waiver is in effect? If I want to grant a waiver that requires 0 samples forever, do I create a waiver that matches the base sampling requirement and then leave the end date null?			

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Date:	Event #:	Organization:	Originator:	Release:
Respondee(s):	Cheryl Wilson			
Resolution:	Cheryl Wilson 5/3/04: You are correct: --If you want to grant a waiver that continues "forever," you add/create a waiver with no end date so that the waiver does not go out of effect. --You add/create a waiver that matches the monitoring requirement that is associated to the sample schedule for the water system(s) or sampling points(s) that you want to waiver.			
4/26/2004	9486	VA	Joanne Vivas	8.0.5
Status:	C			
Time Spent:	0.75			
SDWIS/STATE Component:	EBS			
Problem/Question:	In the Enforcement Action Maintenance - Change screen the Action Type is dimmed and changes are not permitted. We have 31 SFR (ST CONSENT DECREE/JUDGEMENT) enforcement actions that should have been entered as SFK (STATE BCA SIGNED). These 31 SFRs are associated to 150 Fluoride violations (Type 02 - MCL, Average, without NO. Exceedance). Instead of asking the engineers to delete these 31 SFRs and re-associate 150 violations, I would like to update the TENENACT table, TENACTYPE_IS_NUMBER from 40(SFR) to 30(SFK). Is this the only table and field that I need to be concerned with? Operating System: Windows 2000 Database: Oracle			
Respondee(s):	Cheryl Wilson/Caesar Vinegas			
Resolution:	Cheryl Wilson 4/27/04: Based on the information you gave us in your original message, you will also need to change the TENACTYPE_IS_NUMBER in the following tables: --TMNVIEAA. --TENPNACT (if you have any associated PN Schedules). --TENSCHD (if you have any associated Compliance Schedules).			
Time spent on above events (in hours):		7.75		

Date:	Event #:	Organization:	Originator:	Release:
2/24/2004	9197	IL	Sandy Frank	8.0.4

Status:	C
Time Spent:	2.25

SDWIS/STATE Component:	MBS
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Problem/Question: I do my own calculation and it is not what CDS Setup shows for the Running Annual Averages. For example, in my calculation, I get 1.08 and SDWIS/STATE shows .1645. I have been reading the User's Guide but cannot figure out how SDWIS/STATE calculates this one water system's RAA as .1645. I have 31 results for the month of January. I also noticed the RAA and the Monthly Monitoring Period Average were always the same in the TSAMDBPS table. I thought that was odd.

Dianna Heaberlin: If one's SDWIS/STATE database has a MRDL FANL for 0999 (chlorine) but enters only a "Total Chlorine Residual" for one or more field results; the software does not take the Total Chlorine Residual result(s) into account when calculating the average. (Although, it will count the sample(s) for monitoring compliance purposes). Likewise, if one has a MRDL FANL for chloramines (1006) but enters only a "Field Free Chlorine Residual" for one or more of the field results, the software again does not properly calculate the averages (but does count all the samples for M&R compliance).

Respondee(s): J. Bruns/C. Vinegas/D. Heaberlin

Resolution: Julie Bruns 3/24/04: The software does correctly calculate the averages under the following scenario. If the water system has a distribution system that has a MRDL FANL for 0999 (chlorine); when the lab reports a chlorine residual with the water system's TC sample, the lab reports/user enters the residual into the "Field Free Chlorine Residual" field (and not the Total Chlorine Residual field). Alternatively, if the water system has a distribution system that has a MRDL FANL for 1006 (chloramines); when the lab reports a chlorine residual with the water system's TC sample, the lab reports/user enters the residual into the "Total Chlorine Residual" field (and not the "Field Free Chlorine Residual" field).

This bug will be fixed in the next release. For the current release, Ed Cottrill asked the team to find out how many primacy agencies are currently using this function in CDS; and within that group, how many have labs with water systems that report both Total Chlorine and Chloramine that would be unable to work within the operational guidelines that do allow the software to correctly calculate the averages. As of March 24, 2004, no primacy agencies have indicated that the workaround for this documented problem is untenable. I spoke with Sandy Frank today, and she also thought this workaround would be sufficient.

Julie Bruns 3/1/04: After extensively reviewing your data, we have determined that the CDS online process that runs on demand when you check/request the calculation of the Monitoring Period Averages (MPA) and Running Annual Averages (RAA) for the MRDL analytes Chlorine and Chloramine, is not correctly calculating the MPAs and RAAs under the valid scenario where TCR Sample Field Results reports both chlorine and chloramine. Where your TCR Sample Field Results report only chloramine or only chlorine, the calculation is correct; however, when TCR Sample Field Results reports both, it is not correct. We are currently reviewing options to address this problem.

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Time spent on above events (in hours):	2.25			
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EVENTS OPENED DURING PREVIOUS PERIOD - CLOSED THIS PERIOD

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Date:	Event #:	Organization:	Originator:	Release:
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Total time on all events (in hours):	10			
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